

GEOPHYSICS beginning with Math 1155--intensive precalculus

Freshman Year

Fall Semester		Spring Semester	
	crs		crs
Chem 1021 Chem Princ I <i>[placement into course or 1015]</i>	4	Math 1271 Calc I	4
Geo 1001	3	Chem 1022 Chem Princ II <i>[C- or better in Chem 1021]</i>	4
Math 1155 Intensive Precalc	5	Phys 1301W Intro Phys I <i>[&Math 1271 or &Math 1371]</i>	4
Lib Ed*	3 or 4	Lib Ed*	3 or 4

*You should try to take English Composition in the freshman year.

Sophomore Year

Fall Semester		Spring Semester	
	crs		crs
UD Geo 2201 Geodynamics I <i>[Phys 1301]</i>	3	UD Geo 2302 Petrology <i>[Geo 2301 or #]</i>	3
Geo 2301 Mineralogy <i>[Chem 1021, Math 1271]</i>	3	Geo 2303W Geochem Principles <i>Chem 1021 or &Chem 1021</i>	3
Math 1372 Calc II <i>[Math 1271 or Math 1371]</i>	4	UD Math 2373 or 2243 Lin alg/diff eqs <i>[Math 1272 or 1372]</i>	4
Phys 1302W Intro Phys II <i>[Phys 1301, Math 1372 or &1372]</i>	4	Phys 2303 Intro Phys III <i>[Phys 1302, Math 1272]</i>	4
Lib Ed	3	Lib Ed	3

Summer after sophomore year: Geo 3911 Field Geophysics

Shaded courses are offered only once each year. Prerequisites are listed under the course name.

UD You must have at least a 2.00 technical GPA for admission to upper division Geophysics. This GPA includes all calculus, physics, chemistry, geology, computer science, and engineering courses. In addition, courses with UD need to be completed before you apply, unless you have at least a 2.50 tech GPA and the courses in progress.

For students admitted to the University prior to Fall 2002, the 2.00 GPA includes all courses taken at the U.

Junior Year

Fall Semester		Spring Semester	
	crs		crs
Geo 3202 Geodynamics II <i>[Geo 2201 or &Geo 2201]</i>	3	Geo 3401 Geochronology <i>[Geo 2303]</i>	3
Geo 4501 Structural Geology <i>[Geo 2201, 2302]</i>	3	Lib Ed	3
UD Math 2374 or 2263 Multivariabl calc <i>[Math 1272 or 1372]</i>	4	Lib Ed	3
Lib Ed	3	Electives	
Electives			

Summer after junior year: One of Geo 4911, Geo 4921, Geo 4971

Senior Year

Fall Semester		Spring Semester	
	crs		crs
Geo 42xx Geophysics elective	3	Geo 42xx Geophysics elective	3
Electives		Electives	

Courses with a double-lined border are Writing Intensive (WI) courses and count toward your writing intensive requirement. You are required to complete four writing intensive courses, one of which must be at the 3xxx-level, and one of which must be in your major department, or approved by your department.

Geo 2303 -- Geochemical Principles -- is WI.

Math 2373 and 2243 are Linear Algebra and Differential Equations.
Math 2374 and 2263 are Multivariable Calculus and Vector Analysis.

You need 120 credits for your degree.